Relevant to claim No.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D501/04

C. DOCUMENTS CONSIDERED TO BE RELEVANT

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Category °

Minimum documentation searched (classification system followed by classification symbols) C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

Citation of document, with Indication, where appropriate, of the relevant passages

Α	US 4 839 350 A (ATSUMI KUNIO 13 June 1989 (1989-06-13) cited in the application Examples 3 and 10.	ET AL)	1~11
A	SAKAGAMI, K. ET AL.: "Synthes Activity of Pivaoyloxymethyl 7-'(Z)-2-(2-Aminothiazol-4-yl) inoacetamido!-3-(Z)-(4-methylt vinyl-3-cephem-4-carboxylate (Its Related Compound" CHEM. PHARM. BULL., vol. 39, no. 9, 1991, pages 24 XP009042230 cited in the application The whole document, in particu 2434, chart I.	-2-methoxyim hiazol-5-yl) ME1207) and 33-2436,	1–11
X Furt	her documents are listed in the continuation of box C.	Patent family members are listed	in annex.
"A" docume consider the consideration of the considerati	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but han the priority date claimed	"T" later document published after the inte or priority date and not in conflict with clied to understand the principle or th invention "X" document of particular relevance; the cannot be considered novel or canno involve an inventive step when the document of particular relevance; the cannot be considered to involve an indocument is combined with one or ments, such combination being obvio in the art. "&" document member of the same patent	the application but early underlying the claimed invention to considered to comment is taken alone claimed invention ventive step when the pre other such docu-
Date of the	actual completion of the international search	Date of mailing of the international sea	
1	1 January 2005	21/01/2005	
Name and I	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Weisbrod, T	

2

A MYUNG HEE JUNG ET AL: "SYTNHESIS AND ANTIBACTERIAL ACTIVITY OF C3-(SUBSTITUTED) VINYL CEPHALOSPORINS. VI" KOREAN JOURNAL OF MEDICINAL CHEMISTRY, KOREAN CHEMICAL SOCIETY, SEOUL, KR, vol. 8, no. 2, 1998, pages 92-95, XP001007623 ISSN: 1225-0058 Pages 92-93, preparation of cefditoren 5h.	C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	71820047 002203
ANTIBACTERIAL ACTIVITY OF C3-(SUBSTITUTED) VINYL CEPHALOSPORINS. VI" KOREAN JOURNAL OF MEDICINAL CHEMISTRY, KOREAN CHEMICAL SOCIETY, SEOUL, KR, vol. 8, no. 2, 1998, pages 92-95, XP001007623 ISSN: 1225-0058 Pages 92-93, preparation of cefditoren 5h. A EP 1 016 665 A (MEIJI SEIKA KAISHA) 5 July 2000 (2000-07-05) Claims; example 3. P,A DATABASE WPI Section Ch, Week 200415 Derwent Publications Ltd., London, GB; Class B02, AN 2004-152674 XP002312955 & KR 2003 066 204 A (CJ CORP.) 9 August 2003 (2003-08-09) abstract P,A WO 03/099826 A (DESHPANDE PANDURANG BALWANT; LUTHRA PARVEN KUMAR (IN); ORCHID CHEMICA) 4 December 2003 (2003-12-04) Claims. A US 4 767 852 A (ASCHER GERD) 30 August 1988 (1988-08-30)			Relevant to claim No.
5 July 2000 (2000-07-05) Claims; example 3. P,A DATABASE WPI Section Ch, Week 200415 Derwent Publications Ltd., London, GB; Class B02, AN 2004-152674 XP002312955 & KR 2003 066 204 A (CJ CORP.) 9 August 2003 (2003-08-09) abstract P,A WO 03/099826 A (DESHPANDE PANDURANG BALWANT; LUTHRA PARVEN KUMAR (IN); ORCHID CHEMICA) 4 December 2003 (2003-12-04) Claims. A US 4 767 852 A (ASCHER GERD) 30 August 1988 (1988-08-30)	A	ANTIBACTERIAL ACTIVITY OF C3-(SUBSTITUTED) VINYL CEPHALOSPORINS. VI" KOREAN JOURNAL OF MEDICINAL CHEMISTRY, KOREAN CHEMICAL SOCIETY, SEOUL, KR, vol. 8, no. 2, 1998, pages 92-95, XP001007623 ISSN: 1225-0058	. 1-11
Section Ch, Week 200415 Derwent Publications Ltd., London, GB; Class B02, AN 2004-152674 XP002312955 & KR 2003 066 204 A (CJ CORP.) 9 August 2003 (2003-08-09) abstract P,A WO 03/099826 A (DESHPANDE PANDURANG BALWANT; LUTHRA PARVEN KUMAR (IN); ORCHID CHEMICA) 4 December 2003 (2003-12-04) Claims. A US 4 767 852 A (ASCHER GERD) 30 August 1988 (1988-08-30)	A	5 July 2000 (2000-07-05)	1-11
BALWANT; LUTHRA PARVEN KUMAR (IN); ORCHID CHEMICA) 4 December 2003 (2003-12-04) Claims. A US 4 767 852 A (ASCHER GERD) 1-11 30 August 1988 (1988-08-30)	P,A	Section Ch, Week 200415 Derwent Publications Ltd., London, GB; Class B02, AN 2004-152674 XP002312955 & KR 2003 066 204 A (CJ CORP.) 9 August 2003 (2003-08-09)	1-11
30 August 1988 (1988-08-30)	P,A	BALWANT; LUTHRA PARVEN KUMAR (IN); ORCHID CHEMICA) 4 December 2003 (2003-12-04)	1-11
	A	30 August 1988 (1988-08-30)	

formation on patent family members

International Application No
/IB2004/002203

					/IB2004/002203
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4839350	A .	13-06-1989	JP JP JP AT CA CN DE EP ES IE KR	62019593 A 1698887 C 3064503 B 61178991 A 56017 T 1272714 A1 85106733 A 3579399 D1 0175610 A2 8704955 A1 58487 B1 8901196 B1	04-10-1990 26-03-1986 01-07-1987 22-09-1993
EP 1016665	A	05-07-2000	AT AU BR CA DE EP INZ PL SUS NES HU WO PT TR	221890 T 731265 B2 7933198 A 9810313 A 2294178 A1 69807093 D1 69807093 T2 2449 B1 1016665 A1 133681 A 502234 A 339361 A1 185799 A3 6288223 B1 1107679 B 2182330 T3 0002458 A2 24210 A 9858932 A1 1016665 T 200000310 T2	04-01-1999 19-09-2000 30-12-1998 12-09-2002 27-03-2003 25-04-2002 05-07-2000 31-10-2003 29-06-2001 18-12-2000 11-07-2000 11-09-2001 07-05-2003 01-03-2003 28-02-2001 13-07-2000 30-12-1998 31-12-2002
KR 2003066204	Α	09-08-2003	NONE		
WO 03099826	A	04-12-2003	US WO	2003225265 A1 03099826 A1	
US 4767852	A	30-08-1988	AU CA CY DE DK EP ES FI HK HR IE JP	550168 B3 6885981 A 1172627 A3 1191853 A3 1365 A 3165922 D3 138781 A 157291 A 0037380 A3 8205228 A3 8307007 A3 810948 A3 864119 A3 864119 A3 80687 A3 940988 B3 51831 B3 62506 A3 1660482 C	01-10-1981 1

nformation on patent family members

/IB2004/002203

				
Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 4767852 A		JP	3013237 B	22-02-1991
		JP	56152488 A	26-11-1981
		JP	1867972 C	26-08-1994
		JP	2000177 A	05-01-1990
		JP	5067632 B	27-09-1993
		KE	3724 A	29-05-1987
		NZ	196642 A	31-07-1984
		NZ	206261 A	31-07-1984
		PH	17071 A	24-05-1984
		PT	72736 A ,B	01-04-1981
		SG	35287 G	20-05-1988
		SI	8110798 A8	31-12-1994
		SI	8311227 A8	31-12-1994
		US	5003073 A	26-03-1991
		YU	79881 A1	31-12-1983
		YU	122783 A1	31-12-1986
		ZA	8102083 A	24-11-1982